

# **NORTH CAROLINA PSYCHIATRIC HOSPITAL**

## **ANNUAL STATISTICAL REPORT**

**FISCAL YEAR 2005**

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North Carolina Psychiatric Hospitals  
Fiscal Year 2005

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This FY2004-05 annual report on the four Psychiatric Hospitals is based on data extracted from the hospital's data system (HEARTS). The data extract is stored in the Division of Mental Health, Developmental Disabilities and Substance Abuse Service's Client Data Warehouse (CDW). Data on hospital resident population, admissions, discharges and persons served are presented. Incorporated in the report are eight tables and one graph. Discharges are shown including mean and median length of stay. The number of persons served and the rate of persons served per 100,000 population is shown for each county in the state.

## **MAJOR SERVICE INDICATORS**

Major service indicators for FY2004-05 reported by the four hospitals show a mixed trend in most indicators. The resident population has shown a continuing decline since fiscal year 2000. The total number of admissions has increased by over (4,979) clients when comparing the ten-year period fiscal years 1996 to fiscal year 2005.

Butner Alcohol and Drug Treatment Center (BADTC) is excluded from John Umstead and will be shown in the ADATC annual report.

## **PERSONS SERVED**

The number of persons served is the sum of the resident population and on leaves at the beginning of the fiscal year plus the number of admissions during the fiscal year. Table 2 shows the number of persons served by the four hospitals from each county in the state. Also shown for each county is the rate of persons served per 100,000 county population. Table 2-A depicts the number of persons served by key demographic and clinical characteristics.

TRENDS OF MAJOR SERVICE INDICATORS  
NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

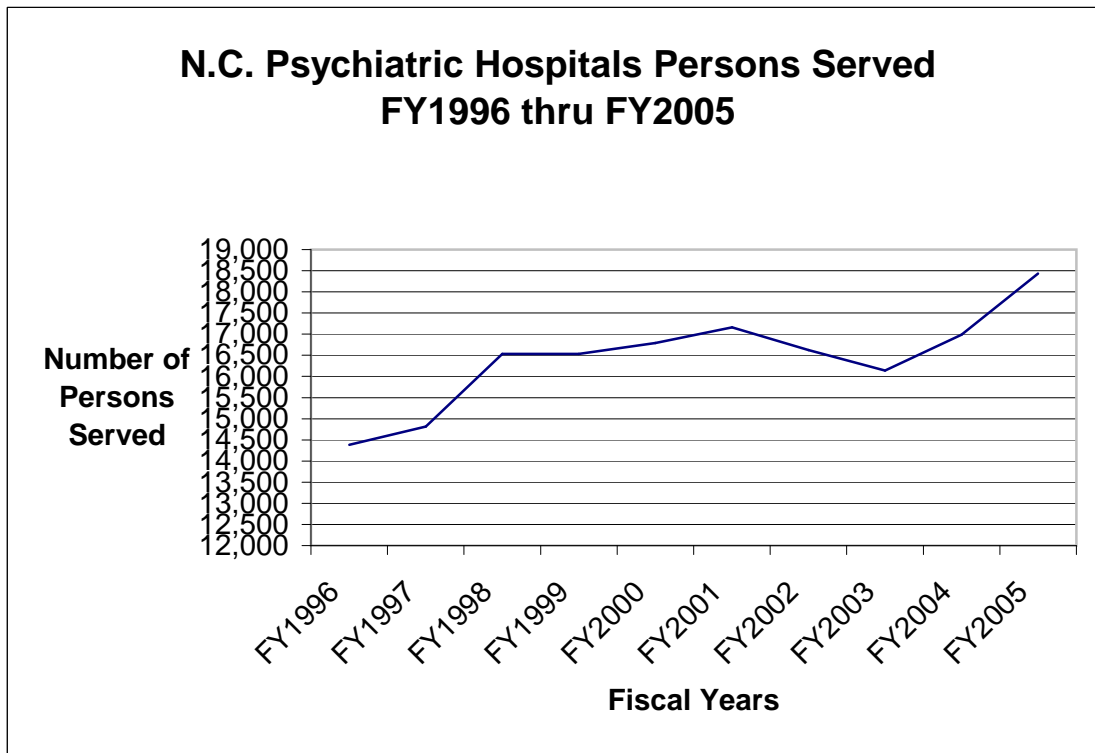
TABLE 1

SERVICE INDICATOR	FY1996	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	PERCENT FY04VS FY03	CHANGE FY05VS FY04
RESIDENT POPULATION AND ON LEAVES (JULY 1)*	2,062	2,033	2,066	2,074	2,077	1,904	1,707	1,388	1,218	1,135	-12.2%	-6.8%
TOTAL ADMISSIONS	12,321	12,781	14,464	14,461	14,712	15,256	14,919	14,753	15,769	17,300	6.9%	9.7%
PERSONS SERVED	14,383	14,814	16,530	16,535	16,789	17,160	16,626	16,141	16,987	18,435	5.2%	8.5%
TOTAL DD, IND, DEATHS	12,340	12,750	14,411	14,475	14,713	15,450	15,167	14,884	15,817	17,363	6.3%	9.8%
Direct Discharges	8,367	8,873	10,604	10,336	10,415	12,225	12,999	14,301	15,296	16,905	7.0%	10.5%
Indirect Discharges	3,876	3,753	3,705	4,046	4,223	3,160	2,129	551	504	439	-8.5%	-12.9%
Deaths	97	124	102	93	75	65	39	32	17	19	-46.9%	11.8%
AVERAGE DAILY POPULATION	1,859	1,865	1,842	1,855	1,861	1,706	1,545	1,298	1,198	1,193	-7.7%	-0.4%
RESIDENT POPULATION AND ON LEAVES (JUNE 30)	2,043	2,064	2,119	2,060	2,076	1,710	1,459	1,257	1,170	1,072	-6.9%	-8.4%
PERSONS SERVED RATE PER /100,000	196	199	219	216	214	209	199	190	198	213	4.2%	7.6%
ADMISSIONS RATE PER/100,000	168	172	192	189	190	186	179	174	184	200	5.7%	8.7%

NOTE: Excludes outpatients and visiting patients, includes transfers-in.

\*Due to changes in the data base at the end of the fiscal year, the RESIDENT POPULATION AND ON LEAVES as of June 30 may differ from the RESIDENT POPULATION AND ON LEAVES as of July 1.

**GRAPH 1**



The data presented in the graph above represents the total number of persons served at the four Psychiatric Hospitals for fiscal years 1996 to 2005. Persons served increased every year between 1997 and 2005.

NOTE: Excludes outpatients and visiting patients.

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**PERSONS SERVED BY REGION DURING FY2004-2005\***

**WESTERN REGION**

**TABLE 2**

STATE AND COUNTIES  NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS  /2	PERSONS SERVED  /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES  NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS  /2	PERSONS SERVED  /3	RATE** PERSONS SERVED PER 100,000 POP.
<b>STATE TOTAL/1</b>	1,135	17,300	18,435	213	<b>FOOTHILLS</b>	41	490	531	215
<b>WESTERN</b>	298	3,981	4,279	141	ALEXANDER	1	17	18	51
			0		BURKE	17	220	237	266
<b>SMOKY MOUNTAIN</b>	14	261	275	150	CALDWELL	11	144	155	197
CHEROKEE	0	42	42	161	MCDOWELL	12	109	121	278
CLAY	1	11	12	122					
GRAHAM	0	12	12	148	<b>PATHWAYS</b>	37	633	670	186
HAYWOOD	6	108	114	200	GASTON	19	288	307	159
JACKSON	3	36	39	108	LINCOLN	3	107	110	159
MACON	4	27	31	96	CLEVELAND	15	238	253	259
SWAIN	0	25	25	184					
			0		<b>CATAWBA</b>	9	70	79	53
<b>WESTERN HIGHLANDS</b>	83	972	1,055	219	<b>MECKLENBURG</b>	44	324	368	47
BUNCOMBE	42	529	571	263					
MADISON	0	22	22	108	<b>PIEDMONT</b>	54	984	1,038	158
MITCHELL	0	29	29	180	CABARRUS	13	244	257	171
YANCEY	2	22	24	132	UNION	3	113	116	73
HENDERSON	19	131	150	153	STANLY	7	88	95	160
TRANSYLVANIA	6	55	61	204	ROWAN	19	257	276	206
POLK	2	20	22	115	DAVIDSON	12	282	294	190
RUTHERFORD	12	164	176	278					
			0						
<b>NEW RIVER</b>	16	247	263	160					
ALLEGHANY	2	16	18	165					
ASHE	3	41	44	174					
AVERY	1	16	17	93					
WATAUGA	3	55	58	135					
WILKES	7	119	126	187					

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS INCLUDES TRANSFERS-IN

\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2005 POPULATION PROJECTIONS)

/1 INCLUDES 14 OUT OF STATE RESIDENTS

/2 INCLUDES 306 OUT OF STATE RESIDENTS

/3 INCLUDES 320 OUT OF STATE RESIDENTS

NOTE: SA UNIT AT JOHN UMSTEAD HOSPITAL EXCLUDED

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**PERSONS SERVED BY REGION DURING FY2004-2005\***

**NORTH CENTRAL REGION**

**TABLE 2**

STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA	/1	/2	/3		NORTH CAROLINA	/1	/2	/3	
<b>STATE TOTAL/1</b>	1,135	17,300	18,435	213					
NORTH CENTRAL	265	4,470	4,735	239	<b>V-G-F-W</b>	32	506	538	312
					FRANKLIN	8	145	153	282
<b>CROSSROADS</b>	22	352	374	150	GRANVILLE	13	116	129	239
SURRY	8	114	122	168	VANCE	7	191	198	449
YADKIN	2	50	52	139	WARREN	4	54	58	288
IREDELL	12	188	200	144					
<b>CENTERPOINT</b>	50	885	935	228					
FORSYTH	46	776	822	253					
STOKES	4	71	75	162					
DAVIE	0	38	38	98					
<b>ROCKINGHAM</b>	17	261	278	301					
<b>GUILFORD</b>	51	849	900	205					
<b>ALAMANCE-CASWELL</b>	25	444	469	288					
ALAMANCE	25	408	433	312					
CASWELL	0	36	36	151					
<b>O-P-C</b>	28	378	406	188					
CHATHAM	9	95	104	185					
ORANGE	11	187	198	162					
PERSON	8	96	104	278					
<b>DURHAM</b>	40	795	835	344					

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2005 POPULATION PROJECTIONS)

/1 INCLUDES 14 OUT OF STATE RESIDENTS

/2 INCLUDES 306 OUT OF STATE RESIDENTS

/3 INCLUDES 320 OUT OF STATE RESIDENTS



**PERSONS SERVED BY REGION DURING FY2004-2005\***

**SOUTH CENTRAL REGION**

**TABLE 2**

STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA	/1	/2	/3		NORTH CAROLINA	/1	/2	/3	
<b>STATE TOTAL/1</b>	1,135	17,300	18,435	213					
SOUTH CENTRAL	229	3,768	3,997	203					
<b>SANDHILLS</b>	51	896	947	186					
ANSON	4	34	38	147					
HOKE	5	36	41	103					
MONTGOMERY	2	68	70	257					
MOORE	9	86	95	118					
RICHMOND	9	65	74	159					
HARNETT	13	209	222	218					
LEE	3	120	123	244					
RANDOLPH	6	278	284	207					
<b>SOUTHEASTERN REG</b>	18	214	232	92					
BLADEN	4	33	37	111					
COLUMBUS	2	32	34	62					
ROBESON	12	115	127	100					
SCOTLAND	0	34	34	92					
<b>CUMBERLAND</b>	26	356	382	122					
<b>JOHNSTON</b>	15	152	167	114					
<b>WAKE</b>	119	2,150	2,269	304					

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2005 POPULATION PROJECTIONS)

/1 INCLUDES 14 OUT OF STATE RESIDENTS

/2 INCLUDES 306 OUT OF STATE RESIDENTS

/3 INCLUDES 320 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**PERSONS SERVED BY REGION DURING FY2004-2005\***

**EASTERN REGION**

**TABLE 2**

STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2004 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA	/1	/2	/3		NORTH CAROLINA	/1	/2	/3	
<b>STATE TOTAL/1</b>	1,135	17,300	18,435	213	<b>PITT</b>	23	300	323	225
EASTERN	329	4,775	5,104	303	<b>ROANOKE-CHOWAN</b>	12	117	129	169
<b>SOUTHEASTERN</b>	47	777	824	264	BERTIE	2	39	41	208
BRUNSWICK	8	186	194	221	GATES	0	13	13	117
NEW HANOVER	31	513	544	306	HERTFORD	5	29	34	143
PENDER	8	78	86	186	NORTHAMPTON	5	36	41	191
<b>ONSLOW</b>	11	223	234	144	<b>TIDELAND</b>	24	276	300	320
<b>WAYNE</b>	41	321	362	313	BEAUFORT	14	169	183	397
<b>WILSON-GREENE</b>	29	401	430	442	HYDE	1	5	6	107
GREENE	2	40	42	207	MARTIN	7	67	74	302
WILSON	27	361	388	504	TYRRELL	0	7	7	167
<b>EDGECOMBE-NASH</b>	35	729	764	527	WASHINGTON	2	28	30	223
EDGECOMBE	21	253	274	512	<b>ALBEMARLE</b>	17	305	322	245
NASH	14	476	490	535	CAMDEN	2	11	13	109
<b>HALIFAX</b>	11	248	259	460	CHOWAN	3	28	31	214
<b>NEUSE</b>	37	459	496	279	CURRITUCK	1	43	44	195
CARTERET	6	127	133	213	DARE	3	86	89	253
CRAVEN	26	272	298	323	PASQUOTANK	7	112	119	312
JONES	3	31	34	333	PERQUIMANS	1	25	26	218
PAMLICO	2	29	31	236	<b>EASTPOINTE</b>	40	602	642	369
					DUPLIN	14	148	162	311
					SAMPSON	10	234	244	385
					LENOIR	16	220	236	404
					UNKNOWN	2	17	19	

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION  
(2005 POPULATION PROJECTIONS)

/1 INCLUDES 14 OUT OF STATE RESIDENTS

/2 INCLUDES 306 OUT OF STATE RESIDENTS

/3 INCLUDES 320 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**\*\*TOTAL PERSONS SERVED FY2004-2005**

**TABLE 2-A**

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
<b>TOTAL PERSONS SERVED</b>	100.0%	18,435	4,653	4,892	4,091	4,799
<b><u>*AGE GROUPS</u></b>						
00-14	2.6%	486	277	63	76	70
15-17	5.8%	1,077	264	321	207	285
18-24	14.4%	2,652	581	665	609	797
25-34	23.1%	4,252	1,003	1,141	967	1,141
35-44	24.7%	4,554	1,145	1,175	1,074	1,160
45-54	19.3%	3,566	897	1,035	775	859
55-64	6.5%	1,191	295	297	286	313
65+	3.6%	657	191	195	97	174
<b><u>SEX</u></b>						
Males	63.5%	11,707	2,899	3,112	2,521	3,175
Females	36.5%	6,728	1,754	1,780	1,570	1,624
<b><u>RACE</u></b>						
White	57.7%	10,644	2,434	2,495	3,208	2,507
Black	38.2%	7,048	2,051	2,229	770	1,998
American Indian	0.7%	135	9	36	18	72
Asian/Pac. Islander	0.3%	51	8	8	16	19
Unknown	0.0%	8	4	0	0	4
Other	3.0%	549	147	124	79	199
<b><u>ETHNIC ORIGIN</u></b>						
Hispanic Mexican/American	0.2%	36	5	5	13	13
Hispanic Puerto Rican	0.0%	4	1	0	2	1
Hispanic Cuban	0.0%	0	0	0	0	0
Hispanic Other	0.3%	54	4	36	6	8
Not Hispanic Origin	66.0%	12,160	2,692	3,621	3,468	2,379
Unknown	33.5%	6,181	1,951	1,230	602	2,398
<b><u>COMMITMENT</u></b>						
Voluntary	4.7%	869	110	107	462	190
Involuntary	81.0%	14,929	3,470	4,136	3,598	3,725
Emergency	10.3%	1,906	1,073	644	31	158
Criminal	3.9%	720	0	0	0	720
Other	0.1%	11	0	5	0	6
<b><u>DIAGNOSIS</u></b>						
Alcohol Abuse	7.4%	1,368	279	620	129	340
Drug Abuse	11.5%	2,126	546	750	365	465
Mental Retardation	0.2%	36	18	5	3	10
Schizophrenia	12.8%	2,368	570	836	474	488
Schizophreniform	0.2%	35	7	7	11	10
Schizoaffective	8.0%	1,474	299	421	416	338
Bipolar	9.9%	1,823	467	483	637	236
Adjustment	5.7%	1,043	224	240	372	207
Personality & Other	2.7%	489	243	68	91	87
Dysthymia	0.4%	71	14	6	39	12
Major Depressive	11.5%	2,113	532	576	631	374
Other Psychotic	7.7%	1,415	458	273	242	442
Primary Degen. Dementia	0.4%	78	10	39	11	18
Other Org. Mental Disord.	1.8%	325	106	57	94	68
Conduct	2.7%	490	216	97	73	104
Paranoid	0.3%	59	17	5	27	10
All Other	16.9%	3,122	647	409	476	1,590

\*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-05.

\*\* Excludes all Visiting Patients and Outpatients.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS  
06-30-05 RESIDENT POPULATION AND ON LEAVES\*\*

TABLE 3

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
TOTAL BOOK POPULATION	100%	1,072	229	257	302	284
<u>*AGE GROUPS</u>						
00-14	4.5%	48	24	3	8	13
15-17	6.3%	67	20	10	16	21
18-24	10.0%	107	29	23	26	29
25-34	17.0%	182	36	34	57	55
35-44	20.1%	215	35	66	53	61
45-54	20.7%	222	41	63	66	52
55-64	12.7%	136	25	29	53	29
65+	8.9%	95	19	29	23	24
<u>SEX</u>						
Males	62.9%	674	144	166	177	187
Females	37.1%	398	85	91	125	97
<u>RACE</u>						
White	53.9%	578	108	121	213	136
Black	41.3%	443	110	126	79	128
American Indian	1.0%	11	0	1	0	10
Asian/Pac. Islander	0.2%	2	0	0	1	1
Other	3.5%	38	11	9	9	9
<u>COMMITMENT</u>						
Voluntary	3.7%	40	6	5	21	8
Involuntary	87.4%	937	172	230	276	259
Emergency	7.5%	80	51	21	5	3
Criminal	1.3%	14	0	0	0	14
Other	0.1%	1	0	1	0	0
<u>DIAGNOSIS</u>						
Alcohol Abuse	2.7%	29	5	14	5	5
Drug Abuse	2.5%	27	6	8	8	5
Mental Retardation	0.4%	4	2	0	0	2
Schizophrenia	27.9%	299	52	94	80	73
Schizophreniform	0.0%	0	0	0	0	0
Schizoaffective	14.5%	155	21	47	49	38
Bipolar	10.1%	108	23	26	41	18
Adjustment	1.4%	15	4	1	9	1
Personality & Other	2.6%	28	3	2	6	17
Dysthymia	0.0%	0	0	0	0	0
Major Depressive	3.6%	39	7	11	14	7
Other Psychotic	7.2%	77	0	12	32	33
Primary Degen. Dementia	1.6%	17	2	8	2	5
Other Org. Mental Disord.	2.7%	29	0	0	17	12
Conduct	3.3%	35	15	2	7	11
Paranoid	0.7%	7	2	2	1	2
All Other	18.9%	203	87	30	31	55
AVERAGE DAILY RESIDENT POP.		1,193	286	297	297	313

\*\* Excludes all Visiting Patients and Outpatients.

The total hospital resident and on leave population is ( 1,072 ). Table 3 presents breakdowns of the population by age, sex, race, commitment, and diagnosis. Residents with schizophrenia comprise over one-quarter of the total population. 8.9 percent of the population is 65 years of age or older, (63%) is male. Forty-six percent (46%) is non-white.

## **TOTAL ADMISSIONS**

There were 17,300 admissions to the State Psychiatric Hospitals during fiscal year 2005.

Referral Source at admission in rank order were: 81 percent (14,057) were made by area programs, (1) percent (190) were self referred or referred by relatives, family or friends, while law enforcement referred over 4 percent (837). Involuntary admissions accounted for over 80 percent (13,954) of the total admissions of FY05.

Males constituted 64 percent (10,997 ) of the admissions. Of the total admissions 42 percent (7,274) were non-white. These percentages can be compared to the state population percentages from the 2005 census already mentioned of 49 percent male and 25 percent non-white. Thirty percent (5,334) of the year's admissions had completed a high school education. Almost 6 percent (1,048) had completed eight years of schooling while only 3 percent (588) had completed four years of college or more.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS\* - FY 2004-05

TABLE 4

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
TOTAL ADMISSIONS	100.0%	17,300	4,404	4,590	3,806	4,500
<u>VETERAN STATUS</u>						
Yes	3.5%	598	68	125	172	233
No	96.5%	16,702	4,336	4,465	3,634	4,267
<u>TYPE COMMITMENT</u>						
Voluntary	4.6%	801	95	98	434	174
Involuntary	80.7%	13,954	3,281	3,858	3,345	3,470
Emergency	10.6%	1,835	1,028	629	27	151
Criminal	4.1%	702	0	0	0	702
Others	0.0%	8	0	5	0	3
<u>ADMISSION SOURCE</u>						
CMHC	81.3%	14,057	4,253	4,436	3,516	1,852
Self	1.1%	190	37	45	11	97
Private Physician/Psychol.	0.0%	3	0	1	0	2
Law Enforcement	4.8%	837	14	32	21	770
Gen. Hosp. (Psych/Non Psych)	10.7%	1,850	35	19	210	1,586
Other Ind. Family/Friends	0.1%	15	3	10	2	0
VA Hospital	0.0%	2	0	0	0	2
Emergency Room	0.0%	0	0	0	0	0
All Others	2.0%	346	62	47	46	191
<u>RACE</u>						
White	58.0%	10,026	2,308	2,359	2,989	2,370
Black	38.0%	6,572	1,940	2,069	712	1,851
American Indian	0.7%	127	8	36	18	65
Asian/Pac. Islander.	0.3%	48	7	8	15	18
All Others	3.0%	527	141	118	72	196
<u>SEX</u>						
Male	63.6%	10,997	2,750	2,921	2,352	2,974
Female	36.4%	6,303	1,654	1,669	1,454	1,526
<u>RESIDENTIAL ARRANGEMENT</u>						
Private Residence	80.8%	13,976	3,934	3,720	3,053	3,269
Other Independent	0.7%	113	16	36	18	43
Homeless	6.7%	1,155	251	310	239	355
Correctional Fac.	3.7%	646	20	116	98	412
Institution	1.3%	222	16	8	49	149
Residential Fac.	4.5%	781	155	372	154	100
Other Dependent	2.4%	407	12	28	195	172

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS\* - FY2004-2005

TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
<b>TOTAL ADMISSIONS</b>	100.0%	17,300	4,404	4,590	3,806	4,500
<b><u>AGE GROUPS</u></b>						
00-14 Years	3.6%	618	302	109	102	105
15-17 Years	5.9%	1,017	253	305	200	259
18-24 Years	15.2%	2,627	573	664	610	780
25-34 Years	23.6%	4,080	957	1,109	930	1,084
35-44 Years	25.3%	4,375	1,099	1,127	1,030	1,119
45-54 Years	18.2%	3,146	814	926	652	754
55-64 Years	5.6%	977	257	233	229	258
65+	2.7%	460	149	117	53	141
<b><u>DIAGNOSIS</u></b>						
Alcohol Abuse	7.7%	1,330	273	605	122	330
Drug Abuse	12.1%	2,093	530	743	359	461
Mental Retardation	0.2%	33	18	4	3	8
Schizophrenia	11.7%	2,032	505	726	398	403
Schizophreniform	0.2%	33	6	7	11	9
Schizoaffective	7.4%	1,287	273	360	357	297
Bipolar	10.0%	1,731	441	467	605	218
Adjustment	5.9%	1,024	223	235	363	203
Personality & Other	2.6%	453	232	66	80	75
Dysthymia	0.4%	68	14	6	36	12
Major Depressive	11.9%	2,054	517	565	615	357
Other Psychotic	7.7%	1,326	430	258	227	411
Primary Degen. Dementia	0.3%	57	6	29	6	16
Other Org. Mental Disorder	0.3%	44	6	18	12	8
Conduct	2.7%	470	205	97	72	96
Paranoid	0.3%	47	16	4	21	6
All Other	18.6%	3,218	709	400	519	1,590
<b><u>MARITAL STATUS</u></b>						
Single	59.1%	10,232	2,732	2,751	1,961	2,788
Married	15.2%	2,623	648	648	640	687
Separated	7.2%	1,251	296	348	335	272
Divorced	15.4%	2,661	603	707	731	620
Widowed	2.2%	378	68	127	93	90
Unreported	0.9%	155	57	9	46	43

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS\* - FY2004-2005

TABLE 4 (CONTD)

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
<b>TOTAL ADMISSIONS</b>	100.0%	17,300	4,404	4,590	3,806	4,500
<b><u>EDUCATION LEVEL</u></b>						
PRESCH-KINDER.	0.0%	0	0	0	0	0
KINDERGARTEN	0.1%	9	9	0	0	0
FIRST GRADE	0.1%	23	14	5	1	3
SECOND GRADE	0.1%	20	16	1	1	2
THIRD GRADE	0.4%	62	38	6	11	7
FOURTH GRADE	0.4%	61	40	10	3	8
FIFTH GRADE	0.6%	112	51	25	19	17
SIXTH GRADE	1.4%	247	82	67	49	49
SEVENTH GRADE	2.3%	391	95	127	76	93
EIGHTH GRADE	6.1%	1,048	251	338	226	233
NINTH GRADE	9.0%	1,562	368	446	372	376
TENTH GRADE	8.5%	1,476	338	437	369	332
ELEVENTH GRADE	7.5%	1,300	307	366	293	334
TWELTH GRADE	30.8%	5,334	1,305	1,607	1,060	1,362
GED	8.3%	1,431	327	449	380	275
SOME COLLEGE	0.3%	59	59	0	0	0
TECH. TRADE SCHOOL	4.9%	840	131	210	207	292
ASSOC. DEGREE	1.5%	265	70	73	47	75
POST BATCH. DEGREE	0.6%	101	15	29	18	39
BACCAL. DEGREE	3.4%	588	168	157	125	138
POST GRAD. DEGREE	0.0%	0	0	0	0	0
SPECIAL EDUCATION	0.5%	82	8	45	10	19
NONE	3.2%	560	87	60	412	1
UNKNOWN	10.0%	1,729	625	132	127	845
<b><u>ETHNIC ORIGIN</u></b>						
HISPANIC MEX./AMER.	0.2%	33	3	5	13	12
HISPANIC PUERTO/RIC.	0.0%	4	1	0	2	1
HISPANIC CUBAN	0.0%	0	0	0	0	0
HISPANIC OTHER	0.3%	52	4	36	5	7
NOT OF HISPANIC ORIG.	99.5%	17,211	4,396	4,549	3,786	4,480
<b><u>LEGAL STATUS</u></b>						
NO LEGAL STATUS	0.0%	5	1	1	2	1
NO OTH. KNOWN LEGAL	87.4%	15,127	4,284	4,136	3,047	3,660
HOUSE BILL 95	0.5%	81	0	44	37	0
DETAINDER, OTHER	0.8%	147	25	76	33	13
HB95 WITH DETAINDER	0.6%	96	31	0	0	65
DEPT. CORRECTION	0.0%	6	3	1	1	1
PROBATION	1.4%	235	3	82	146	4
NOT GUILTY REASON OF INSANITY	0.0%	6	0	0		6
DETAINDER	0.3%	53	25	4	22	2
PENDING	8.9%	1,542	32	245	517	748
DWI	0.0%	2	0	1	1	0

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.



**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**\*DISCHARGES-FY2004-2005**  
**TABLE 7**

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
<b>TOTAL DISCHARGES</b>	100.0%	17,363	4,424	4,635	3,789	4,515
<b><u>TYPE DISCHARGE</u></b>						
DIRECT DISCHARGE	97.4%	16,905	4,282	4,479	3,734	4,410
INDIRECT DISCHARGE	0.2%	29	3	1	4	21
TRANSFER-OUTS	2.0%	353	133	142	35	43
DEATHS	0.1%	19	3	8	3	5
OTHERS	0.3%	57	3	5	13	36
<b><u>REFERRAL FOR SERVICES</u></b>						
AREA PROGRAM	84.6%	14,685	3,662	4,606	3,786	2,631
CRIMINAL JUSTICE	4.2%	732	4	0	0	728
NO REFERRAL	3.4%	584	188	0	0	396
COMMUNITY AGENCY	0.0%	2	1	0	0	1
VA HOSPITAL	0.1%	18	8	1	0	9
HOSPITAL FACILITY	0.0%	0	0	0	0	0
PSYCHIATRIC HOSPITAL	1.2%	209	60	0	2	147
MR CENTER	0.0%	0	0	0	0	0
ADATC	0.0%	0	0	0	0	0
NCSCC	0.0%	0	0	0	0	0
NURSING FACILITY	0.0%	0	0	0	0	0
PRIVATE PHYSICIAN	1.0%	175	101	12	0	62
ATC	0.0%	0	0	0	0	0
WHITAKER	0.0%	0	0	0	0	0
ALL OTHERS	5.5%	958	400	16	1	541
WRIGHT	0.0%	0	0	0	0	0

\*NOTE: EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

**DISCHARGES**

Table 7 presents discharge information for the four psychiatric hospitals. The majority of discharges were direct ( 97.4%). (0.2%) were indirect discharges while (2%) were transferred out to another facility. Deaths accounted for (0.1%) of discharges.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2004-2005

MEAN AND MEDIAN LENGTH OF STAY BY DIAGNOSIS \*

TABLE 8

DIAGNOSIS	UMSTEAD			CHERRY			BROUGHTON			DIX		
	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS
MENTAL RETARDATION	16	29	12	5	28	15	3	64	12	8	4	3
ATTENTION DEFICIT	73	32	21	29	10	7	21	32	18	15	26	12
CONDUCT	201	33	15	95	11	8	66	30	21	93	40	13
AUSTIM AND PERVASIVE	15	58	44	13	20	10	7	82	49	6	77	20
SPECIFIC DEVELOPMENT	0	0	0	1	26	26	0	0	0	0	0	0
OTHER CHILDHOOD DISORD.	5	35	29	2	12	12	2	87	87	1	10	10
EATING AND SLEEPING DIS.	1	5	5	1	8	8	4	17	15	1	52	52
MEDICATION INDUCED DIS.	0	0	0	0	0	0	1	30	30	1	8	8
PRIM. DEGEN. DEMENTIA	8	519	58	31	575	49	9	228	229	13	52	28
VASCULAR DEMENTIA	9	39	16	24	435	81	5	422	112	8	74	41
SUBSTANCE ABUSE	540	6	5	742	7	6	357	8	6	460	7	3
ALCOHOL ABUSE	252	6	5	549	12	5	92	6	4	311	10	3
ALCOHOL RELATED	22	10	6	57	19	6	32	98	6	24	25	3
OTHER MENTAL DISORDERS	92	106	20	51	534	17	77	169	32	56	84	25
SCHIZOPHRENIC	518	90	14	742	153	11	394	96	21	415	72	10
SCHIZOPHRENIFORM	7	21	24	7	14	15	11	23	15	8	31	10
SCHIZOEFFECTIVE	278	96	14	374	109	11	367	72	21	300	37	11
DELUSIONAL	15	35	24	3	11	10	26	52	18	8	47	17
OTHER PSYCHOTIC	436	22	9	261	38	9	210	2,035	13	409	26	9
BIPOLAR	444	20	9	457	14	8	596	20	12	218	39	9
MAJOR DEPRESSIVE	525	9	5	565	33	7	617	16	7	367	20	5
DYSTHYMIA	14	7	6	6	6	4	38	166	5	12	4	2
ANXIETY	73	23	9	47	8	6	138	11	5	57	8	4
SOMATOFORM	8	18	16	0	0	0	2	25	25	1	12	12
DISSOCIATIVE	0	0	0	0	0	0	3	12	6	0	0	0
SEXUAL	1	24	24	1	14	14	5	23	14	1	18	18
PERSONALITY & OTHER	240	17	5	66	14	8	85	64	12	70	50	6
ADJUSTMENT	220	5	3	239	4	4	363	7	4	206	6	3
OTHER NONPSYCHOTIC	348	16	6	199	27	7	238	27	8	538	16	5
OTHER PROB.NOT MENTAL	6	10	6	18	8	6	12	8	5	10	32	4
NO MENTAL DISORDERS	1	5	5	2	12	12	3	2	2	0	0	0
DIAGNOSIS DEFERRED	0	0	0	3	13	16	0	0	0	1	5	5
BLANK NOT REPORTED	0	0	0	19	798	21	0	0	0	28	28	17
INVALID	17	74	39	0	0	0	0	0	0	0	0	0
UNKNOWN	39	11	6	26	29	23	5	62	8	869	12	8
TOTAL DISCHARGES	4,424	1,382	459	4,635	2,998	441	3,789	3,991	821	4,515	931	374
TOTAL DISCHARGE DAYS	141,447			274,712			142,024			110,654		

\*EXCLUDES ALL OUTPATIENTS AND VISITING PATIENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2004-2005**  
**DISCHARGES BY REPORTED DAYS IN HOSPITALS\***

**TABLE 9**

DAYS IN HOSPITAL	PERCENT	TOTAL	UMSTEAD	CHERRY	BROUGHTON	DIX
1-7 Days	51.4%	8,922	2,336	2,385	1,672	2,529
8-14 Days	23.2%	4,028	909	1,396	739	984
15-30 Days	13.7%	2,380	598	461	762	559
31-60 Days	6.0%	1,046	331	146	358	211
61-90 Days	1.7%	291	101	41	85	64
91-180 Days	1.9%	337	70	74	103	90
181-365 Days	1.0%	176	48	57	33	38
366+ Days	1.1%	183	31	75	37	40
TOTAL DISCHARGES	100.0%	17,363	4,424	4,635	3,789	4,515
TOTAL DAYS		668,837	141,447	274,712	142,024	110,654

**LENGTH OF STAY**

Eighty-eight percent (15,330 ) of discharges had a length of stay of 30 days or less. This percentage increases to 97 percent (17,004 ) for a stay of 180 days or less. Fully 99 percent (17,180) of discharges stayed in the hospital for less than a year and only 1 percent ( 183 ) have had a stay of over one year.

**\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS**

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**TOTAL DISCHARGES - FY2004-2005\***

**TABLE 10**

	TOTAL PERCENT	TOTAL NUMBER	UMSTEAD	CHERRY	BROUGHTON	DIX
<b>TOTAL DISCHARGES</b>	100.0%	17,363	4,424	4,635	3,789	4,515
<b><u>AGE GROUPS</u></b>						
00-14	3.4%	589	287	108	94	100
15-17	5.8%	1,012	253	300	200	259
18-24	15.1%	2,627	578	663	602	784
25-34	23.5%	4,072	957	1,113	924	1,078
35-44	25.3%	4,385	1,116	1,113	1,032	1,124
45-54	18.3%	3,180	816	941	654	769
55-64	5.6%	972	256	240	215	261
65+	3.0%	526	161	157	68	140
<b><u>RACE</u></b>						
White	58.0%	10,066	2,326	2,374	2,995	2,371
Black	38.0%	6,605	1,941	2,103	691	1,870
American Indian	0.7%	124	9	35	18	62
Asian/Pac. Islander	0.3%	49	8	8	15	18
Other	3.0%	519	140	115	70	194
<b><u>COMMITMENT</u></b>						
Voluntary	4.8%	829	104	102	441	182
Involuntary	80.6%	13,992	3,298	3,906	3,322	3,466
Emergency	10.5%	1,826	1,022	623	26	155
Criminal	4.1%	706	0	0	0	706
Others	0.1%	10	0	4	0	6
<b><u>DIAGNOSIS</u></b>						
Alcohol Abuse	7.7%	1,333	274	600	124	335
Drug Abuse	12.1%	2,099	540	742	357	460
Mental Retardation	0.2%	32	16	5	3	8
Schizophrenia	11.9%	2,069	518	742	394	415
Schizophreniform	0.2%	33	7	7	11	8
Schizoaffective	7.6%	1,319	278	374	367	300
Bipolar	9.9%	1,715	444	457	596	218
Adjustment	5.9%	1,028	220	239	363	206
Personality & Other	2.7%	461	240	66	85	70
Dysthymia	0.4%	70	14	6	38	12
Major Depressive	11.9%	2,074	525	565	617	367
Other Psychotic	7.6%	1,316	436	261	210	409
Primary Degen. Dementia	0.4%	61	8	31	9	13
Other Org. Mental Disorder	1.6%	276	92	51	77	56
Conduct	2.6%	455	201	95	66	93
Delusional	0.3%	52	15	3	26	8
All Other	17.1%	2,970	596	391	446	1,537
<b><u>SEX</u></b>						
Male	63.5%	11,033	2,755	2,946	2,344	2,988
Female	36.5%	6,330	1,669	1,689	1,445	1,527

**\*NOTE:** Excludes all Visiting Patients and Outpatients.